

Naval Operating Concept Vignette 1 Response



Element 1: NOC Contributions to JOpsC/MCO

- ***Sea Basing*** enables sustainable naval forces to operate forward, enhancing regional battlespace awareness both in real time as well as building the historical perspective
- ***Forward Presence*** by Joint and Naval Expeditionary Forces using sea bases provides ***Rapid Force Closure*** and ***Phased At Sea Arrival And Assembly*** with minimal reliance on HNS
- ***Penetrating and Persistent Sensing*** enables the collection of high fidelity information which can then be compared to historical data to provide indicators of changes from historical norms – thereby providing insights into future intent

Element 1: NOC Contributions to JOpsC/MCO

- **FORCEnet** provides the **connectivity and information sharing capability** necessary to rapidly fuse new information, access archived information (both locally and via reachback) and distribute information to produce knowledge and facilitate decision making
- **JFMCC** concept provides the interface between the CJTF/RCC to facilitate **operational and strategic decision making based on dynamic events**
- Joint Forces have precision weapons today, they need precision targeting. Force Net and Sea Based sensors grids provide that **timely information and targeting for precision weapons**
- **Joint distributed operations** are enabled & enhanced by Sea Based Forces providing C2, FORCEnet, fires and logistic support.
- New generation of amphibious and maritime pre-positioning ships using selective off load in combination with high speed ships and tilt rotor aircraft provide **flexible & accelerated deployment/employment**

Element 2: Mission Statement

On order, RCC Blue will deter Red aggression against Gray and Orange in order to ensure territorial sovereignty and regional stability. If deterrence fails, RCC Blue will decisively defeat Red aggression against Gray and Orange and, if Red invades, eject all Red forces from Gray and Orange in order to restore their territorial sovereignty. If Red conducts first use of nuclear weapons, RCC Blue will immediately respond and neutralize Red's nuclear capability

Element 2: Commander's Intent

- **I intend to shape the battlespace to deter Red and to be prepared to conduct military operations if deterrence fails. We shall reassure our Regional Partners and, in close collaboration with them and our allies, we shall build the Coalition, isolate Red, and prepare for hostilities by positioning Joint Force Capability Packages to deter/conduct military operations. We shall continue to increase our Information Superiority. We must not take steps that will precipitate hostile actions by Red.**
- **ICW DI&E actions, designed to convince Red of the unacceptable diplomatic and economic costs of aggression, we shall conduct military actions designed to increase info superiority, establish increased force protection within the region and in support of the homeland, and prepare for access and sustainment of our force. I intend to do this in a manner designed to convince Red of the unacceptable military cost of aggression, without precipitating hostile actions by Red.**

Element 2: Commander's Intent

- **If deterrence fails, we will swiftly defeat Red by isolating his forces in Gray and Orange, reinforcing Gray and Orange with the capabilities necessary to strengthen their defensive efforts, and ejecting Red capabilities and forces from Gray and/or Orange. We will apply irresistible pressure while allowing their forces an escape route. We will avoid escalation to nuclear war, but if our efforts fail, we will immediately destroy Red's nuclear capability by striking key nodes. We will make it clear that our operational intent does not include Red regime change. We will minimize damage to existing infrastructure.**
- **End State: Red's threat to Gray and Orange is eliminated, Gray and Orange territorial sovereignty and regional stability are restored.**

CONOPs: RCC conducts a series of combined regional cooperation / forward presence exercises to develop crisis response options and shape the region, promote stability, maintain access, and increase regional awareness. Naval Forces provide a JTF and enable continued combined / joint exercises focused on TBMD, ISR, Force Closure, Force Protection, and Crisis Response.

- DPG Area of Interest
- RCC continually monitors and assesses Red intentions
- Security Cooperation Plan
- 2015 Regional Exercise Plan
- **Increased ISR capability for TBMD/WME/ASAT/offensive action**
- Strategic indicators for determining level of aggression.
- Naval presence IAW global CONOPS
- ONA IAW region

Task

Organization:

- RCC conducts combined exercise under Combined JTF- exercise goals:
- - maintain access
- - regional assurance
- - collection on capabilities, doctrine, & intention

(Activities: TBMD/Sea Control/Force Closure & Force Protection)

RCC Effects List:

N/A



Element 2: Concept of Operations

- **Deterrence**

- **D Talks to ensure regional stability and promote economic cooperation**
 - Exercises/engagement activity
 - Gain support for flexible deterrent options to include coalition diplomatic efforts
 - Obtain cooperation from other countries for shaping theater (Black, Tan, Maroon)
- **I Use press/CNN coverage of exercises with Gray & Orange to establish deterrence**
- **I Exploit Networks**
- **I Focus national collection agencies**
- **I Commence Info ops in Red to promote region and counter aggression**
- **M Forward deploy forces in Regional exercises demonstrations off/in Gray and Orange**
 - Candidates are Petrel & Gray maritime ops and TBMD in region

Element 2: Concept of Operations

- **M Place robust covert/overt sensor grid off red, in Gray and Orange and surrounding waters to:**
 - Detect Red force projection and
 - Detect missile/aircraft launch preparations
- **M Conduct Sea Shield regional TMD exercise**
- **M Conduct RSOI/selective offload exercise within the seabase**

Element 3: Derived Capabilities

- **FORCEnet Attributes**
 - **Expeditionary Multi-tiered, sensor and weapons grids**
 - **Distributed, collaborative C2**
 - **Dynamic, multi-path and survivable networks**
 - **Adaptive/automated decision aids**
 - **Human-centric integration**
 - **Information Assurance**

Element 3: Derived Capabilities ***(-cont-)***

- **Seabasing**

- **Enhanced afloat positioning of joint assets**
- **Offensive and defensive power projection**
- **C4ISR**
- **Accelerated deployment and employment timelines**
 - **Phased at sea arrival and assembly**
 - **Selective offload**
 - **Rapid force closure**
 - **Integrated power projection**
 - **Reconstitution at sea**
 - **Persistence and sustainment**

Element 3: Derived Capabilities

(-cont-)

- **Sea Strike**
 - **Persistent ISR**
 - **Time-sensitive strike**
 - **Electronic Warfare/Information Operations**
 - **STOM**
 - **Covert Strike**
- **Sea Shield**
 - **Homeland Defense**
 - **Sea/littoral superiority**
 - **Theater Air Missile Defense**

Element 4

- **Q1) How do we transform information into knowledge and that knowledge into complete situational understanding?**
 - **FORCEnet designed to provide actionable information to the warfighter:**
 - Integrated and fully interactive networked force
 - Enables increased operational tempo & reduces manning
 - Tailored and recognizable fusion of information over time from various sources to facilitate decision-making
 - Right info, right time, right place, & right format for action
 - Distributed collaborative planning, assessment, and operations
 - Build & maintain an accurate common operational picture for all echelons w/ minimum time latency
- **Q2) What knowledge and situational understanding is required to make decisions and take actions faster than the adversary?**
 - **actionable information, ability to assess, and a will to act.**
- **Q3) How do we filter information to provide the optimum level of knowledge?**
 - **See Q1 response. Local processing & filtering to optimize decentralized & distributed decision-making**

Element 4

- **Q4) How do you ensure your knowledge database is properly populated?**
 - **Managed by intelligent agents**
- **Q5) Based on that situational understanding, how do we use information superiority to anticipate and predict adversary actions?**
 - **Integrated C4ISR, assessment of all actions, development of indicators and decision criteria tied to a commander.**
- **Q6) How do we determine what we don't know and what the adversary does know?**
 - **IPB, Understanding of key decision and implications of a decision, assessment, coordinated employment of ISR**
- **Q7) How do we know when we achieve information superiority?**
 - **We really desire decision superiority; speed and quality decisions that achieve desired results.**

Element 4

- **Q8) How do we measure how fast the adversary is taking action based on his information?**
 - **Provide stimulus and time his reaction**
- **Q9) What level of info superiority is needed?**
 - **Timely and responsive information available to enable collaborative planning, assessment, and action. Principally this is enabled by leader development and training that allows us to assess, decide, and act in the face of relative uncertainty. By enabling decentralized and distributed decision we are able to act in a faster and decisive manner that enables us to control the tempo of operations.**
- **Q10) What is the margin of information superiority is needed to achieve decision superiority?**
 - **Information and Integrated C4ISR, assessment of all actions, development of indicators and decision criteria tied to a commander.**

Element 4

- **Q11) What metrics determine this?**
 - **There is not a specific universal set of metrics.**
 - **These are tied to CCIR, PIR, Conditions and Effects.**
 - **Key:**
 - **Ability to recognize patterns in an extremely “noisy” environment**
 - **Information must be clear and in the right format.**
- **Q12) What is the impact of uncharacteristic action by the adversary on the decision superiority process?**
 - **Uncharacteristic actions can be disruptive if decision making is centralized or if information superiority is absolutely required for action.**
 - **The ability to assess, decide, and act in the face of uncertainty will accommodate uncharacteristic adversary actions.**
 - **Training to deal with uncertainty will enable us to control the tempo of operations and decisions**

Element 5: Recommendations for the JOPSC and MCO JOC

- **Increased discussion of value of forward presence & regional engagement**
- **More focus on Joint Operating Concepts that address future warfighting concerns**
- **FORCEnet--Joint Net**
- **Impact of “Globalization”**

Questions/Discussion

